

AMENDMENTS TO THE SPECIFICATION

Beginning on page 99 and ending on page 101, please replace paragraph [330] with the following paragraph [330]:

[0330] **Table 2.** Primer sequences (from 5' to 3') used in exon amplification for mutational analysis of NPHP4.

Exon	Forward Primer	Reverse Primer	Product Size (bp)
1	gtcggacatgcaaactcagg (SEQ ID NO: 21 <u>43</u>)	aggctctggccaactg (SEQ ID NO: 51 <u>73</u>)	439
2	aagccttcaggattgctgtg (SEQ ID NO: 22 <u>44</u>)	catccatctgttaactggaagc (SEQ ID NO: 52 <u>74</u>)	319
3	acatggcctgccagtgc (SEQ ID NO: 23 <u>45</u>)	cctggaccacaaagtctgag (SEQ ID NO: 53 <u>75</u>)	346
4	acgtgtaggaaggcggctc (SEQ ID NO: 24 <u>46</u>)	gacgagcagtaaaccaccatag (SEQ ID NO: 54 <u>76</u>)	649
5	gaggcctccatgtgcttc (SEQ ID NO: 25 <u>47</u>)	gctaaaggtggggaactc (SEQ ID NO: 55 <u>77</u>)	209
6	tgaccctcattgagaactgc (SEQ ID NO: 26 <u>48</u>)	gtgcctcaaggttcactg (SEQ ID NO: 56 <u>78</u>)	217
7	ttgtgctctgtctgggagtc (SEQ ID NO: 27 <u>49</u>)	catcagatgcggggtctc (SEQ ID NO: 57 <u>79</u>)	439
8	ctccccagggactctg (SEQ ID NO: 28 <u>50</u>)	cctgacatgcacaaatgacc (SEQ ID NO: 58 <u>80</u>)	335
9	ttctgacagtggcgacgtg (SEQ ID NO: 29 <u>51</u>)	tgccactacatttatcctcac (SEQ ID NO: 59 <u>81</u>)	279
10	cactgttgattcccctctc (SEQ ID NO: 30 <u>52</u>)	gcaaacaatttgaacttttc (SEQ ID NO: 60 <u>82</u>)	343
11	ttcctgggtggatcgtctg (SEQ ID NO: 31 <u>53</u>)	cgacgattatcttacaatgtgg (SEQ ID NO: 61 <u>83</u>)	329
12	aggcctgtggagacctgac (SEQ ID NO: 32 <u>54</u>)	ggggacagagggtttcttg (SEQ ID NO: 62 <u>84</u>)	232
13	catgttgggagctttgtgg (SEQ ID NO: 33 <u>55</u>)	gacaggcacagtgcacaaac (SEQ ID NO: 63 <u>85</u>)	262

14	atctgagcaccgttggtg (SEQ ID NO: 34 <u>56</u>)	gggttcacaaggtccaacag (SEQ ID NO: 64 <u>86</u>)	295
15	ggtttcacaggaggtg (SEQ ID NO: 35 <u>57</u>)	aggtcagaacctcagcgaag (SEQ ID NO: 65 <u>87</u>)	345
16	accatccccatgcaaacac (SEQ ID NO: 36 <u>58</u>)	gcactgtgcaccgtatgattc (SEQ ID NO: 66 <u>88</u>)	409
17	gaccagagctgaaatctct (SEQ ID NO: 37 <u>59</u>)	acgctggaagcgtgactc (SEQ ID NO: 67 <u>89</u>)	315
18	cacagtggctttctgctg (SEQ ID NO: 38 <u>60</u>)	cgaggagagccacactctac (SEQ ID NO: 68 <u>90</u>)	358
19	tgtggtgggtgatctgtt (SEQ ID NO: 39 <u>61</u>)	cactgacagcaccacgaatg (SEQ ID NO: 69 <u>91</u>)	332
20	ccctggtgtctgctcctg (SEQ ID NO: 40 <u>62</u>)	gaggcagggaaaggatgtg (SEQ ID NO: 70 <u>92</u>)	351
21	agcaatagcccctgtggag (SEQ ID NO: 41 <u>63</u>)	tctcgggcagaattcgag (SEQ ID NO: 71 <u>93</u>)	386
22	tctctccactcctctgagc (SEQ ID NO: 42 <u>64</u>)	agggacactggtggagactg (SEQ ID NO: 72 <u>94</u>)	377
23	tggcagtgggtgtcttaagc (SEQ ID NO: 43 <u>65</u>)	aggaggggagagaaggacac (SEQ ID NO: 73 <u>95</u>)	251
24	ttggcaacagtggagatacg (SEQ ID NO: 44 <u>66</u>)	catgaggccatctgtcacc (SEQ ID NO: 74 <u>96</u>)	342
25	tcttgctgagcacctgtgac (SEQ ID NO: 45 <u>67</u>)	aggatacccgtggggaag (SEQ ID NO: 75 <u>97</u>)	282
26	cactcgtgcgtgtattagt (SEQ ID NO: 46 <u>68</u>)	caagcccactttcaatccac (SEQ ID NO: 76 <u>98</u>)	268
27	ccttggtggcctctcgtg (SEQ ID NO: 47 <u>69</u>)	ccagctgaatgccactg (SEQ ID NO: 77 <u>99</u>)	318
28	ggaaccacccatgacctg (SEQ ID NO: 48 <u>70</u>)	cagtgtccgagtcacagg (SEQ ID NO: 78 <u>100</u>)	388
29	cagggaatacttgaggaag (SEQ ID NO: 49 <u>71</u>)	gaggaaactcgtcctaaatgc (SEQ ID NO: 79 <u>101</u>)	310
30	gcagagagggtgctggtgag (SEQ ID NO: 50 <u>72</u>)	accgggctgtgctgtag (SEQ ID NO: 80 <u>102</u>)	738

Please insert the attached Sequence Listing as new pages --113-253--.